



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

Application Number	10/771,714
Filing Date	02/04/2004
First Named Inventor	Cleaver et al.
Art Unit	3611
Examiner Name	Not yet assigned

Attorney Docket Number 0232W/00028-U

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 4,111,520	09-1978	Bernal G.	
		US- 4,298,869	11-1981	Okuno	
		US- 4,422,719	12-27-1983	Orcutt	
		US- 4,376,946	03-1983	Kaminow et al.	
		US- 4,597,033	06-1986	Meggs et al.	
		US- 4,607,317	08-1986	Lin	
		US- 4,767,172	08-1988	Nichols et al.	
		US- 4,785,567	11-1988	Consiglio	
		US- 4,891,896	01-1990	Boren	
		US- 4,976,057	12-1990	Bianchi	
		US- 4,996,632	02-1991	Aikens	
		US- 5,057,981	10-1991	Bowen et al.	
		US- 5,140,220	08-18-1992	Hasegawa	
		US- 5,151,679	09-1992	Dimmick	
		US- 5,201,020	04-1993	Kannabiran	
		US- 5,219,217	06-1993	Aikens	
		US- 5,301,090	04-1994	Hed	
		US- 5,303,133	04-1994	Wagner	
		US- 5,365,411	11-1994	Rycroft et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of 4

Complete if Known

Application Number	10/771,714
Filing Date	02/04/2004
First Named Inventor	Cleaver et al.
Art Unit	3611
Examiner Name	Not yet assigned

Attorney Docket Number 0232W/00028-U

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 5,375,043	12-1994	Tokunaga	
		US- 5,410,453	04-1995	Ruskouski	
		US- 5,416,679	05-1995	Ruskouski et al.	
		US- 5,459,955	10-1995	Ruskouski et al.	
		US- 5,475,786	12-1995	Nishiguchi et al.	
		US- 5,497,440	03-1996	Croitoru et al.	
		US- 5,526,236	06-1996	Burnes et al.	
		US- 5,537,297	07-1996	Ghandehari	
		US- 5,581,683	12-03-1996	Bertignoll et al.	
		US- 5,588,236	12-1996	Suzuki	
		US- 5,613,751	03-1997	Parker et al.	
		US- 5,618,096	04-1997	Parker et al.	
		US- 5,640,792	06-1997	Smith et al.	
		US- 5,694,513	12-1997	Okaniwa	
		US- 5,818,998	10-06-1998	Harris et al.	
		US- 5,842,297	12-1998	Tung	
		US- 5,852,514	12-22-1998	Toshima et al.	
		US- 5,876,107	03-1999	Parker et al.	
		US- 5,879,076	03-1999	Cross	

FOREIGN PATENT DOCUMENTS

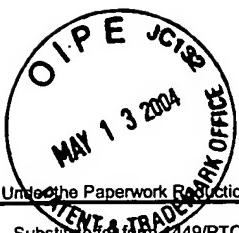
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

3

of 4

Complete if Known

Application Number	10/771,714
Filing Date	02/04/2004
First Named Inventor	Cleaver et al.
Art Unit	3611
Examiner Name	Not yet assigned

Attorney Docket Number 0232W/00028-U

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 5,887,968	03-1999	Logan	
		US- 5,921,652	07-1999	Parker et al.	
		US- 5,931,570	08-03-1999	Yamuro	
		US- 5,934,792	08-1999	Camarota	
		US- 5,941,626	08-24-1999	Yamuro	
		US- 5,950,340	09-1999	Woo	
		US- 5,964,518	10-1999	Shen	
		US- 5,996,263	12-1999	Black	
		US- 6,023,869	02-2000	Durbin	
		US- 6,042,248	03-2000	Hannah et al.	
		US- 6,075,652	06-13-2000	Ono et al.	
		US- 6,076,294	06-2000	Durbin	
		US- 6,079,838	06-2000	Parker et al.	
		US- 6,095,673	08-2000	Goto et al.	
		US- 6,123,442	09-2000	Freier et al.	
		US- 6,146,006	11-2000	Cross	
		US- 6,158,882	12-2000	Bischoff, Jr.	
		US- 6,186,645	02-2001	Camarota	
		US- 6,193,385	02-2001	Maki et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				

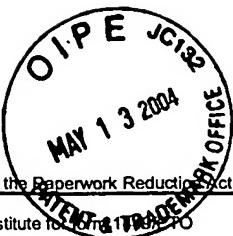
Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for 17 CFR 1.10(a)(2)(ii)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

4

of 4

Complete if Known

Application Number	10/771,714
Filing Date	02/04/2004
First Named Inventor	Cleaver et al.
Art Unit	3611
Examiner Name	Not yet assigned

Attorney Docket Number 0232W/00028-U

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 6,204,899	03-2001	Hall	
		US- 6,217,184	04-17-2001	Koike et al.	
		US- 6,275,338	08-14-2001	Arai et al.	
		US- 6,283,612	09-2001	Hunter	
		US- 6,297,906	10-02-2001	Allen et al.	
		US- 6,297,908	10-02-2001	Suga	
		US- 6,354,714	03-2002	Rhodes	
		US- 6,361,186	03-2002	Slayden	
		US- 6,366,727	04-02-2002	Nojiri et al.	
		US- 6,394,623	05-2002	Tsui	
		US- 6,406,158	06-18-2002	Ohkawa	
		US- 6,447,133	09-10-2002	Eschke et al.	
		US- 6,592,238	07-15-2003	Cleaver et al.	
US-					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				
		EP 0962789 A2	12-08-1999	Ikeyama et al.		

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.